

2-5 Subtracting Integers 10/24/12

Objective SWABT subtract integers

Golden Rule

Ex. 1

$+- \Rightarrow -$   
 $-- \Rightarrow +$

$-- \Rightarrow +$

$2 - (-3) \Rightarrow 2 + 3 = 5$

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\* Golden Rule is only for adding  
and/or subtracting

Ex. 2  
 $8 - 13$

$$\underline{8} - \underline{13} = \boxed{-5}$$

$$\begin{array}{r} 13 \\ - 8 \\ \hline \end{array}$$

Ex. 3  
 $-10 - 7$

$$-10 - 7 = \boxed{-17}$$

Ex. 4  
 $1 - (-2)$

$$1 - (-2) = 1 - \cancel{-} 2 = \boxed{3}$$

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Ex 5  
 $a = 5, b = -8$   
 $c = -9$

A)  $b - 10$   
 $-8 - 10 = \boxed{-18}$

B)  $a - b$   
 $5 - (-8) = \boxed{13}$

C)  $c - a$   
 $-9 - 5 = \boxed{-14}$

D)  $|-9 - 8|$   
 $|-17| = \boxed{17}$

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